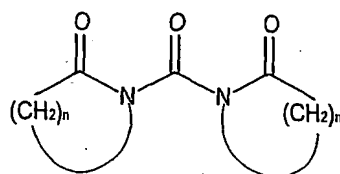


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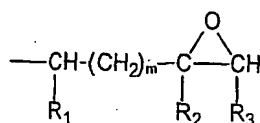
CLAIMS

1. Process for preparing a high-molecular polycondensate, i.e. a polyester, a polyamide, a polyester-amide, a polycarbonate, a polyether or a block copolymer by melt-mixing a polyester, a polyamide, a polycarbonate, a polyether or a mixture of at least two of these said polycondensates with a carbonyl bislactam according to formula (I)



(I)

- in which formula  $n$  = an integer of between 3 and 15, characterized in that during said melt-mixing also a diepoxide is present
2. Process according to claim 1, wherein the diepoxide is a compound containing epoxy radicals of formula (II)



(II)

- which radicals are linked direct to carbon, oxygen, nitrogen or sulfur atoms, wherein  $R_1$  and  $R_3$  are both hydrogen,  $R_2$  is hydrogen or methyl, and  $m=0$ , or wherein  $R_1$  and  $R_3$ , taken together, are  $-\text{CH}_2-\text{CH}_2-$  or  $-\text{CH}_2-\text{CH}_2-\text{CH}_2-$ , in which case  $R_2$  is hydrogen and  $m=0$  or 1.
3. Process according to claim 1, where in formula (I)  $n=5$
4. Process according to any one of claims 1-3, wherein use is made of 0.1 to 4 wt.% of the bislactam, relative to amount of the polycondensate.

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5. Process according to any one of claims 1-4, wherein use is made of 0.01-5 wt.% of diepoxide, relative to amount of the polycondensate.
6. Process according to any one of claims 1-5, wherein during the melt mixing additionally an additive and/or a filler and/or a reinforcing agent and/or a stabilizer is added.
- 5 7. Process according to any one of claims 1-6, wherein the melt mixing is done in an extruder.
8. Process according to any one of claims 1-7, wherein the melt mixing is done in a single screw extruder.
- 10 9. Process according to any one of claims 1-8, where in the compound according to formula (I),  $n=5$ .